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TITLE OF THE INVENTION

DISC DRIVE DEVICE

This application is a divisional application of Serial No. 10/157,115, filed May 30, 2002.

5 BACKGROUND OF THE INVENTION

Field of the Invention

[0001] The present invention relates to disc drive devices and, more specifically, a device incorporated in a DVD player, a DVD recorder, a personal computer, or the like, and capable of driving  
10 discs in DVD format (DVD-ROM discs, DVD-RAM discs, DVD-R discs, DVD-RW discs, etc.) for reading (reproducing) data on a real-time basis, such as video and audio, recorded on the DVD-format discs.

Description of the Background Art

15 [0002] As is well known, DVD-format discs have such a large storage capacity that they are used mainly for recording and reproducing data on a real-time basis. Data, such as video and audio, that should be recorded and reproduced on a real-time basis is hereinafter called Real-time data. Especially, in writable  
20 DVD-format discs, such as DVD-RAM, DVD-R, and DVD-RW discs, a real-time recording (RTR) format is used for recording Real-time data. In the RTR format, Real-time data is compressed with MPEG2 at a compression rate enabling single-speed recording, and then is recorded on a disc. Therefore, the Real-time data recorded  
25 in the RTR format (hereinafter, "RTR-format data") is generally